

Board of Commissioners Vision/Strategic Planning Process

Catawba County Board of Commissioners

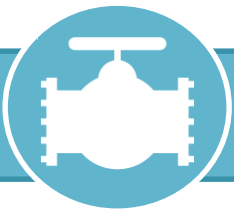


Water and Sewer Infrastructure

Catawba County Board of Commissioners

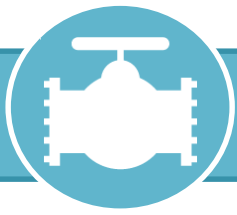


October 10, 2016



Agenda

- Key Outcomes: Strong BOC Consensus
- History and Current State
- Drivers of Extensions
- Map of Infrastructure
- Benchmarking Considerations
- Benchmarking Comparisons
- Moving Forward



Key outcomes: Strong BOC Consensus

Key outcomes to consider throughout the presentation and eventually answer – if not today then by the end of the strategic planning process.

1

Establish policy on how infrastructure costs are funded

2

Delineate roles for County and municipal partners

3

Determine priority areas for County line extension



History of public partnerships

- 1986 – Established loan program
- 1996 – Established revenue sharing program
 - BOC goal to get water to all County schools



Current state of infrastructure

➤ Loan program

- Portion of project costs are granted to municipality
- Remaining portion is a zero interest loan at a defined term

➤ Revenue sharing program

- Defined term
- 50/50 revenue split



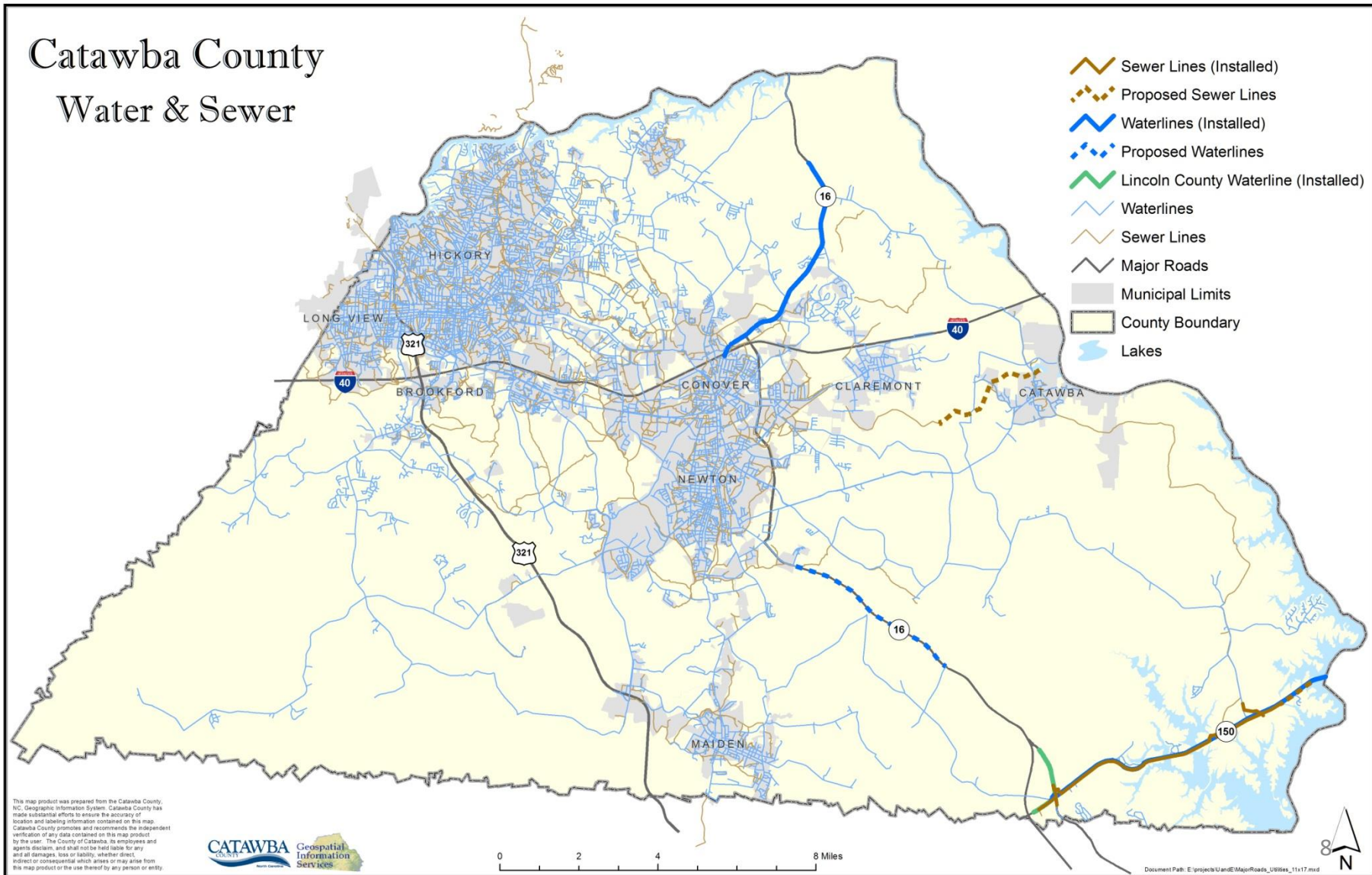
Current funding

- Water & Sewer unrestricted fund balance:
 - \$5 million min. fund balance (BOC requirement)
 - \$11.7 million committed to projects
- Annual recurring funding from:
 - Property tax
 - Sales tax
 - Municipal revenue
 - Water and Sewer Capital fees
 - Domestic Haulers



Current map of infrastructure

Catawba County Water & Sewer



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Keep in mind...

**...capacity is a scarce,
LIMITED resource**



Primary drivers of line extensions

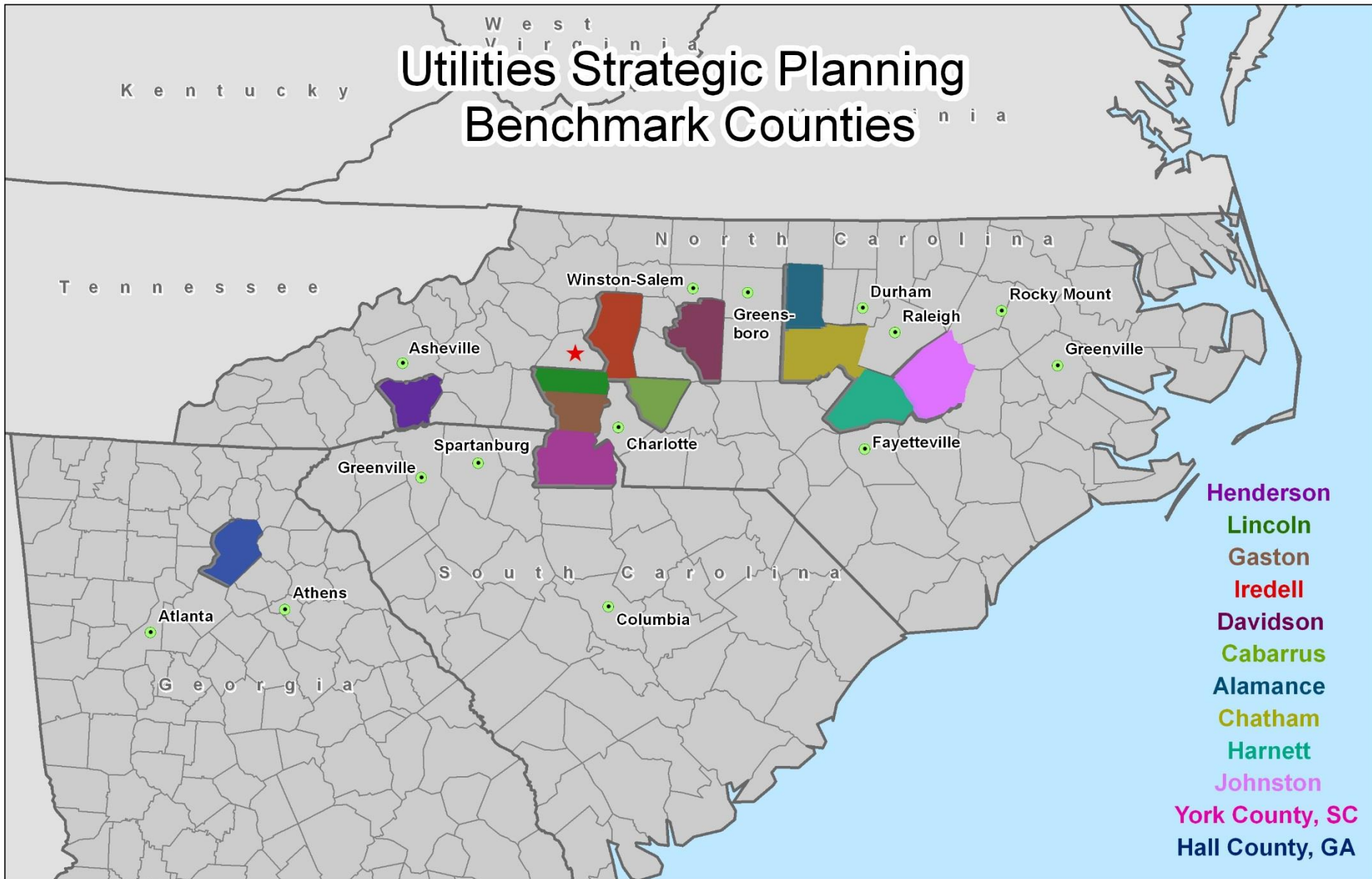
- Economic development
- Health & safety
- System efficiency
- Municipal requests
- Citizen requests



Benchmarking considerations

- Population
 - 20-44 year old population increase
 - Urban/rural representation
- Geography
 - Within 75 min. of multiple metros
 - Major interstate and state roads
- Place of work
 - Commuters/residents
- Major industries
 - Manufacturing, retail, health care

Utilities Strategic Planning Benchmark Counties





Policy comparisons

County	Does the county extend utilities?
Alamance, NC	No county utilities
Cabarrus, NC	Yes, shares cost. Only for econ. development
Catawba, NC	Yes, county extends utilities
Chatham, NC	Yes, county extends utilities
Davidson, NC	No response
Gaston, NC	Yes, county extends utilities. Only for county facilities
Hall, GA	No response
Harnett, NC	Yes, county is primary utility provider
Henderson, NC	Yes, county extends sewer within district but no county water
Iredell, NC	No county utilities
Johnston, NC	No response
Lincoln, NC	Yes, county extends utilities. Only for improving infrastructure
York, SC	Yes, but county does not have a formal policy to extend utilities



Public Partnership comparisons

County	Do you partner?	How is it structured?	Who pays?
Alamance, NC	Rarely	Inter-local agreement	Share costs
Cabarrus, NC	Yes	Inter-local agreement	Share costs
Catawba, NC	Yes	Inter-local agreement	Share costs
Chatham, NC	Yes	Inter-local agreement	Share costs
Davidson, NC	No response		
Gaston, NC	Yes	Inter-local agreement	County
Hall, GA	No response		
Harnett, NC	No*	N/A	County
Henderson, NC	Yes	Inter-local agreement	Share costs
Iredell, NC	No	N/A	N/A
Johnston, NC	No response		
Lincoln, NC	Rarely	Inter-local agreement	Share costs
York, SC	Yes	Inter-local agreement	County



Private partnership comparisons

County	Do you partner?	How is it structured?	Who pays?
Alamance, NC	No	N/A	Developer
Cabarrus, NC	No	N/A	Developer
Catawba, NC	Yes	Dev. Agreements	Share Cost
Chatham, NC	No	N/A	Developer
Davidson, NC	No response		
Gaston, NC	Yes	No formal structure	Developer
Hall, GA	No response		
Harnett, NC	No	N/A	Developer
Henderson, NC	Yes (Sewer)	Dev. Agreements	Developer
Iredell, NC	Yes	Dev. Agreements	Developer
Johnston, NC	No response		
Lincoln, NC	No	N/A	Developer
York, SC	Limited response		



Prioritization comparisons

County	How do you prioritize projects?
Alamance, NC	N/A
Cabarrus, NC	No formal prioritization
Catawba, NC	Projects prioritized annually with budget
Chatham, NC	No formal prioritization
Davidson, NC	No response
Gaston, NC	Projects prioritized annually with budget
Hall, GA	No response
Harnett, NC	No formal prioritization
Henderson, NC	No formal prioritization
Iredell, NC	N/A
Johnston, NC	No response
Lincoln, NC	Based on system need; not customer-focused
York, SC	Limited response



Moving Forward: Key Questions

1

Establish policy on how infrastructure costs are funded

- Who pays for growth-related infrastructure (County? Developer? Shared?)
- Should infrastructure for Economic Development projects be part of the project negotiation?
 - Currently, each project is addressed individually



Moving Forward: Key Questions

1

Establish policy on how infrastructure costs are funded

- How do you prioritize primary drivers for line extensions?



Moving Forward: Key Questions

1

Establish policy on how infrastructure costs are funded

- How do you evaluate success/failure of specific water and sewer investments?

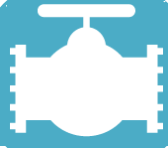


Moving forward: Key questions

1

Establish policy on how infrastructure costs are funded

- Should developers pay for/replace capacity consumed by their projects?



Moving Forward: Key Questions

2

Delineate roles for County and municipal partners

- Do each municipality's infrastructure assets suggest roles?



Moving forward: Key questions

3

Determine priority areas for County line extension

- Are there certain areas of the County for which line extension is a BOC priority?

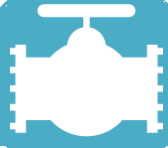


Moving forward: Key questions

3

Determine priority areas for County line extension

- Should County system be the “backbone” and developer-initiated extensions “grow” the system?



Moving forward: Key questions

3

Determine priority areas for County line extension

- What should drive infrastructure extensions within the major corridors?

Reaction/Comments

